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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

EDGAR B. CAHOON ET AL.

CASE NO: BB1333 US CIP

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: PLANT LIPOXYGENASES

11002 U.S. PTO
10/059909
01/29/02

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

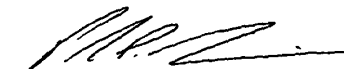
Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO 1449.

Benefit of the earlier filing date of U.S. Patent Application No. 09/501,422, filed February 9, 2000 is claimed under 35 U.S.C. 120 for the above-referenced application. Accordingly, a copy of the information is not provided.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



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DATED: 1/29/02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	UNKNOWN
Filing Date	CONCURRENTLY HERewith
First Named Inventor	EDGAR B. CAHOON ET AL.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1333 US CIP

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SABINE ROSAHL, Z. NATURFORSCH, VOL. 51:123-138, 1996, LIPOXYGENASES IN PLANTS - THEIR ROLE IN DEVELOPMENT AND STRESS RESPONSE	
		KIRSTEN VOROS ET AL., EUR. J. BIOCHEM., VOL. 251:36-44, 1998, CHARACTERIZATION OF A METHYLJASMONATE-INDUCIBLE LIPOXYGENASE FROM BARLEY (HORDEUM VULGARE CV. SALOME) LEAVES	
		JOAQUIN ROYO ET AL., JOURN. OF BIOL. CHEM., VOL. 271(35):21012-21019, 1996, CHARACTERIZATION OF THREE POTATO LIPOXYGENASES WITH DISTINCT ENZYMOLOGICAL ACTIVITIES AND DIFFERENT ORGAN-SPECIFIC AND WOUND-REGULATED EXPRESSION PATTERNS	
		YOU-LIANG PENG ET AL., JOURN. OF BIOL. CHEM., VOL. 269(5):3755-3761, 1994, A NOVEL LIPOXYGENASE FROM RICE	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1495802, 9/27/96, J. ROYO ET AL., CHARACTERIZATION OF THREE POTATO LIPOXYGENASES WITH DISTINCT ENZYMOLOGICAL ACTIVITIES AND DIFFERENT ORGAN-SPECIFIC AND WOUND-REGULATED EXPRESSION PATTERNS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 765203, 4/12/95, A. GEERTS ET AL., EXPRESSION OF LIPOXYGENASE IN WOUNDED TUBERS OF SOLANUM TUBEROSUM L	
		JOHN A. SANDOVAL ET AL., PLANT PHYS., VOL. 109:269-275, 1995, N-ACYLPHOSPHATIDYLETHANOLAMINE IN DRY AND IMBIBING COTTONSEEDS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2182267, 7/6/99, J. R. VAN MECHELEN ET AL., MOLECULAR CHARACTERIZATION OF TWO LIPOXYGENASES FROM BARLEY	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3668063, 9/29/98, K. MATSUI ET AL., NUCLEOTIDE SEQUENCE OF A CUCUMBER COTYLEDON LIPOXYGENASE CDNA	
		KENJI MATSUI ET AL., PLANT PHYS., VOL. 109:337-339, 1995, PLANT GENE REGISTER PGR95-044, NUCLEOTIDE SEQUENCE OF A CUCUMBER COTYLEDON LIPOXYGENASE CDNA	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 126401, 2/1/95, H. OHTA ET AL., CDNA CLONING OF RICE LIPOXYGENASE L-2 AND CHARACTERIZATION USING AN ACTIVE ENZYME EXPRESSED FROM THE CDNA IN ESCHERICHIA COLI	
		HIROYUKI OHTA ET AL., EUR. J. BIOCHEM., VOL. 206:331-336, 1992, CDNA CLONING OF RICE LIPOXYGENASE L-2 AND CHARACTERIZATION USING AN ACTIVE ENZYME EXPRESSED FROM THE CDNA IN ESCHERICHIA COLI	
		JAN R. VAN MECHELEN ET AL., PLANT MOL. BIOL., VOL. 39:1283-1298, 1999, MOLECULAR CHARACTERIZATION OF TWO LIPOXYGENASES FROM BARLEY	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		ELIANE LAZAR ET AL., MOL. & CELL. BIOL., VOL. 8(3):1247-1252, 1988, TRANSFORMING GROWTH FACTOR ALPHA: MUTATION OF ASPARTIC ACID 47 AND LEUCINE 48 RESULTS IN DIFFERENT BIOLOGICAL ACTIVITIES	
		WILSON H. BURGESS ET AL., J. OF CELL. BIOL., VOL. 111:2129-2138, 1990, POSSIBLE DISSOCIATION OF THE HEPARIN-BINDING AND MITOGENIC ACTIVITIES OF HEPARIN-BINDING (ACIDIC FIBROBLAST) GROWTH FACTOR-1 FROM ITS RECEPTOR-BINDING ACTIVITIES BY SITE-DIRECTED MUTAGENESIS OF A SINGLE LYSINE RESIDUE	
		PIERRE BROUN ET AL., SCIENCE, VOL. 282:131-133, 1998, CATALYTIC PLASTICITY OF FATTY ACID MODIFICATION ENZYMES UNDERLYING CHEMICAL DIVERSITY OF PLANT LIPIDS	
		PEER BORK, GEN. RES., VOL. 10:398-410, 2000, POWERS AND PITFALLS IN SEQUENCE ANALYSIS: THE 70% HURDLE	
		MICHAELA HOHNE ET AL., EUR. J. BIOCHEM., VOL. 241:8-11, 1996, LIPID BODY LIPOXYGENASE CHARACTERIZED BY PROTEIN FRAGMENTATION, CDNA SEQUENCE AND VERY EARLY EXPRESSION OF THE ENZYME DURING GERMINATION OF CUCUMBER SEEDS	

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